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of complex oximes, such as those of ionone, tetralenes, and cyclic ketones in general; the chemistry of caprolactam; and the polymerization of fluoro-olefines and unstable cyclic compounds together with work on the synthesis of other high-molecular compounds. Of outstanding importance is the work done by Knunyants on the addition of hydrogen sulfide, and mercaptanes to olefins: the results of this work are of great significance for the synthesis of many physiologically and pharmacologically active substances. In addition to doing experimental work, Knunyants pays much attention to studies in theoretical organic chemistry, particularly in the field of the theory of structure.

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